

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of the Claims:****Claims:**

1. **(Currently Amended)** A self-cleaning exhaust system, ~~comprising:~~including  
a first filter in a path for an air flow;  
a first spray outlet for providing a first spray into the air flow before the first filter to  
enable the first spray to be drawn along the path onto a first surface of the first filter; and  
a second filter in the path for the air flow;  
wherein the first spray ~~being able~~ has droplets ~~of a size being able~~ sized to combine  
with droplets of a contaminant to form combined droplets in the air flow before the first filter  
to assist the combined droplets being captured by the first filter ~~and wherein the first filter~~  
~~is a relatively coarse filter and the second filter is a relatively fine filter.~~
2. **(Currently Amended)** A self-cleaning exhaust system as claimed in claim  
1, further ~~comprising:~~including  
a second spray outlet located in said air flow path after said first filter for providing  
a second cleaning spray onto a rear surface of said first filter.
3. **(Currently Amended)** A self-cleaning exhaust system as claimed in either  
Claim 1 ~~or 2~~, wherein the first spray outlet ~~is~~ includes at least one nozzle for providing a fine

spray, and a second spray outlet ~~is~~ includes at least one further nozzle for providing a coarse spray ~~wherein the combined droplets in the air flow remain fluid.~~

4. **(Currently Amended)** A self-cleaning exhaust system as claimed in ~~any one of claims 1 to 3,~~ Claim 2, wherein the first filter and the second filter are in an exhaust hood.

5. **(Currently Amended)** A self-cleaning exhaust system as claimed in Claim 4, wherein:  
the exhaust hood includes a top, a front wall, a rear wall and side walls extending between the rear wall and the front wall; and  
~~there being provided~~ a baffle depending from the top and intermediate the front wall and the rear wall.

6. **(Currently Amended)** A self cleaning exhaust system as claimed in Claim 5, wherein both the first and second filters are mountable to one of the front wall and the rear wall, and the baffle extends between ~~the one of~~ the front wall and the rear wall.

7. **(Currently Amended)** A self-cleaning exhaust system as claimed in Claim 5 ~~or claim 6,~~ further comprising:including

a plate extending forwardly from ~~the~~ one of the front wall and the rear wall beyond the baffle.

8. **(Original)** A self-cleaning exhaust system as claimed in claim 7, wherein the plate has an upwardly directed projection extending between the baffle and the one of the front wall and the rear wall.

9. **(Original)** A self-cleaning exhaust system as claimed in Claim 8, wherein the projection extends upwardly to a height at least as high as the mounting of the first filter to the baffle.

10. **(Currently Amended)** A self-cleaning exhaust system as claimed in ~~any one of claims 7 to 9~~, Claim 7, wherein the spray outlet is mounted on the plate.

11. **(Cancelled)**

12. **(Currently Amended)** A self-cleaning exhaust system as claimed in ~~any one of claims 1 to 11~~, Claim 1, wherein the first filter is inclined with respect to the path, and covers the path.

13. **(Cancelled)**

14. **(Currently Amended)** A self-cleaning exhaust system as claimed in claim ~~13~~ when appended to Claim 12, wherein the first filter is at an angle of inclination to the path substantially the same as that of the second filter.

15. **(Cancelled)**

16. **(Currently Amended)** A self-cleaning exhaust system as claimed in Claim ~~15~~1, wherein the cleaning liquid includes water and a degreaser in a ~~required~~ ratio in the range 1:10 to 1:50.

17. **(Original)** A self-cleaning exhaust system including a first filter for filtering contaminants from an air flow along an air flow path, a first spray outlet for providing a fine, first spray of a cleaning solution into the air flow before the first filter to enable the fine, first spray to be drawn into the first filter by the air flow, and a plate for preventing the first spray from moving against the air flow.

18. **(Currently Amended)** A self-cleaning exhaust system as claimed in Claim ~~17~~ 14, wherein the plate is mounted below the first filter and includes an upwardly directed projection at an end of the plate.

19. **(Original)** A method of removing at least one contaminant in an exhaust system, comprising:

providing a first spray into an air flow before a first filter, the first filter being mounted in a path of the air flow to enable the first spray to be drawn along the path onto the first filter;

the first spray being able to combine with droplets of the contaminant in the air flow before the first filter; and

the first spray being able to coat the first filter to assist the first filter in capturing at least one droplet of the contaminant in the air.

20. **(Currently Amended)** A method as claimed in Claim ~~19~~17, wherein the first spray is drawn along the path under the influence of the air flow, and the air flow causes at least a part of the first spray to pass through the first filter.

21. **(Currently Amended)** A method as claimed in Claim ~~19 or claim 20~~16, including providing a second spray into the air flow after the first filter.

22. **(Currently Amended)** A method as claimed in ~~any one of claims 19 to 21~~Claim 16, wherein ~~there~~ the second spray ~~is for cleaning~~ cleans a second filter in said airflow path after said first filter.

23. **(Currently Amended)** A method as claimed in ~~any one of claims 19 to 21~~Claim 16, wherein there the second spray is for cleaning a rear surface of the first filter, and for being drawn under the influence of the airflow to clean a second filter in said airflow path after said first filter.

24. **(Currently Amended)** A method as ~~claimed in claim 22 or claim 23~~ Claim 16, wherein the first filter is a relatively coarse filter, the second filter is a relatively fine filter, the first spray is a relatively fine spray and the second spray is a relatively coarse spray.

25. **(Cancelled)**

26. **(Currently Amended)** A method as claimed in ~~any one of claims 22 to 25~~ Claim 16, wherein the second spray substantially coats the second filter to assist the second filter in capturing ~~the~~ at least one contaminant.

27. **(Cancelled)**

28. **(Cancelled)**

29. **(Cancelled)**

30. **(Cancelled)**

31. **(Cancelled)**

32. **(Cancelled)**

33. **(Cancelled)**

34. **(Cancelled)**

35. **(Cancelled)**

36. **(Cancelled)**

37. **(Cancelled)**

38. **(Cancelled)**

39. **(Cancelled)**